ABSTRACT OF THE DISCLOSURE

A two-transistor SRAM cell includes a first FET. The first FET is an ultrathin FET of a first polarity type and includes a control electrode, a first load electrode and a second electrode. The first load electrode is coupled to a first control line. The SRAM cell also includes a second FET. The second FET is an ultrathin FET of a second polarity type and includes a gate, a source and a drain. The second FET source is coupled to the first FET gate. The second FET gate is coupled to the first FET drain and the second FET source is coupled to a first potential. The SRAM cell further includes a first load device that is coupled between a second potential and the first FET gate. The SRAM cell additionally includes a second load device coupled between the second FET gate and a second control line.